

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	194083	(spin adj bulb or ((read\$3 or reproduc\$3) near2 (element\$1 or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 (memories or memory) or magnetic adj random adj access adj memor\$3 or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)) or g11b005/39.ipc. or g11b005/33.ipc. or g11b005/127.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/08/30 20:38
L2	1	"O.sub.2"	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/08/30 20:38
L3	54340	O2	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/08/30 20:38
L4	756	(dopant\$1 or doping or dope or dopes or doped) near2 (oxygen or O2)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 21:03
L5	6	1 and 4	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 20:39
L6	4757	(dopant\$1 or doping or dope or dopes or doped or impurit\$4 or diffusion\$1) near2 (oxygen or O2)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 20:54
L7	51	1 and 6	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 20:44
L8	45	7 not 5	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 20:44
L9	21925	(atom\$1 or molecule\$1 or ppm) near2 (oxygen or O2)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 21:13
L10	109	1 and 9	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 20:54

## EAST Search History

L11	99	10 not 7	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/08/30 20:55
L12	2344	(dopant\$1 or doping or dope or dopes or doped) near2 (oxygen or O2)	US-PGPUB; USPAT	ADJ	ON	2006/08/30 21:03
L13	60562	(spin adj bulb or ((read\$3 or reproduc\$3) near2 (element or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 memor\$3 or magnetic adj random adj access adj memor\$3 or DSV or TJM or MTJ or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm. or "360/113" or 360/313-327.33.ccls. or 338/32\$2.ccls. or 324/207.21.ccls. or 324/252.ccls. or 365/171.ccls. or 365/173.ccls. or 428/811-811.5.ccls. or 148/108.ccls.	US-PGPUB; USPAT	ADJ	OFF	2006/08/30 21:04
L14	39	12 and 13	US-PGPUB; USPAT	ADJ	OFF	2006/08/30 21:05
L15	114338	(atom\$1 or molecule\$1 or ppm or impurit\$4) near2 (oxygen or O2)	US-PGPUB; USPAT	ADJ	ON	2006/08/30 21:14
L16	467	13 and 15	US-PGPUB; USPAT	ADJ	ON	2006/08/30 21:14
L17	158834	(oxygen or O2).ti,ab,clm.	US-PGPUB; USPAT	ADJ	ON	2006/08/30 21:14
L18	211	16 and 17	US-PGPUB; USPAT	ADJ	ON	2006/08/30 21:14
L19	167	@ad<"20040309" and 18	US-PGPUB; USPAT	ADJ	ON	2006/08/30 21:15